

-continued

225	230	235	240
Asn His Asn Met Gln Ile Trp Thr Thr Gly Glu Tyr Ser Phe Lys Ile			
245	250	255	
Phe Pro Glu Lys Asn Ile Arg Gly Phe Lys Leu Pro Asp Thr Pro Gln			
260	265	270	
Gly Leu Leu Gly Glu Ala Arg Met Leu Asn Ala Ser Ile Val Ala Ser			
275	280	285	
Phe Val Glu Leu Pro Leu Ala Ser Ile Val Ser Leu His Ala Ser Ser			
290	295	300	
Cys Gly Gly Arg Leu Gln Thr Ser Pro Ala Pro Ile Gln Thr Thr Pro			
305	310	315	320
Pro Thr Gly Gly Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu			
325	330	335	
Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp			
340	345	350	
Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp			
355	360	365	
Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly			
370	375	380	
Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn			
385	390	395	400
Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp			
405	410	415	
Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro			
420	425	430	
Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu			
435	440	445	
Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu Glu Met Thr Lys Asn			
450	455	460	
Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile			
465	470	475	480
Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr			
485	490	495	
Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys			
500	505	510	
Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys			
515	520	525	
Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu			
530	535	540	
Ser Leu Ser Pro Gly Lys			
545	550		

1.34. (canceled)

35. An endoglin fusion protein comprising:

- (a) a first portion that comprises amino acids 26-346 of SEQ ID NO: 1; and
- (b) a second heterologous portion that comprises an immunoglobulin Fc domain.

36. The endoglin fusion protein of claim **35**, wherein the first portion does not include an amino acid sequence consisting of amino acids 379-430 of SEQ ID NO: 1.

37. The endoglin fusion protein of claim **15**, wherein the endoglin polypeptide binds human BMP 9 with an equilib-

rium dissociation constant (K_D) less than 1×10^{-9} M or a dissociation rate constant (kd) less than 1×10^{-3} s $^{-1}$.

38. The endoglin fusion protein of claim **35**, wherein the endoglin polypeptide binds human BMP-9 with an equilibrium dissociation constant (K_D) less than 1×10^{-9} M or a dissociation rate constant (kd) less than 5×10^4 s $^{-1}$.

39. The endoglin fusion protein of claim **35**, wherein the endoglin polypeptide binds human BMP-10 with an equilibrium dissociation constant (K_D) less than 1×10^{-9} M or a dissociation rate constant (kd) less than 5×10^{-3} s $^{-1}$.